

FIG. 1

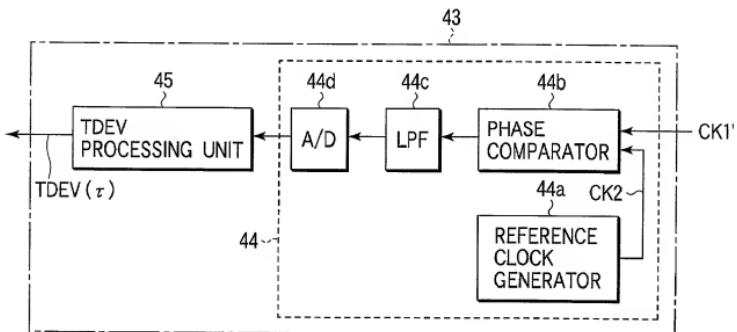


FIG. 2

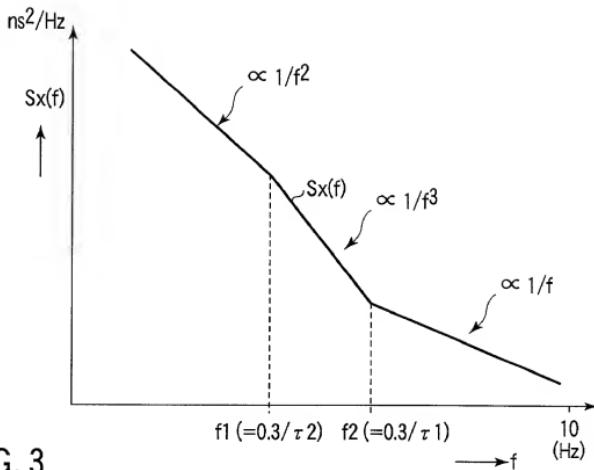


FIG. 3

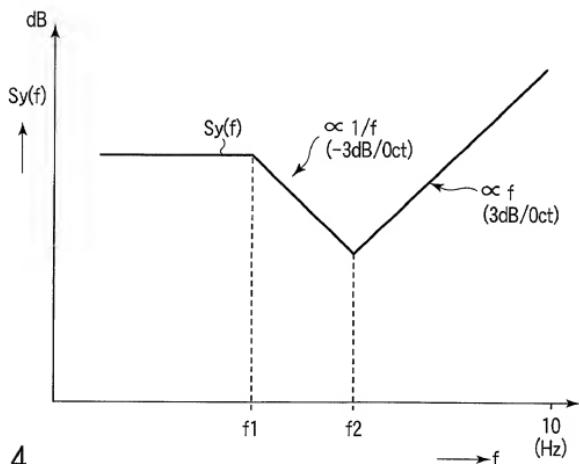


FIG. 4

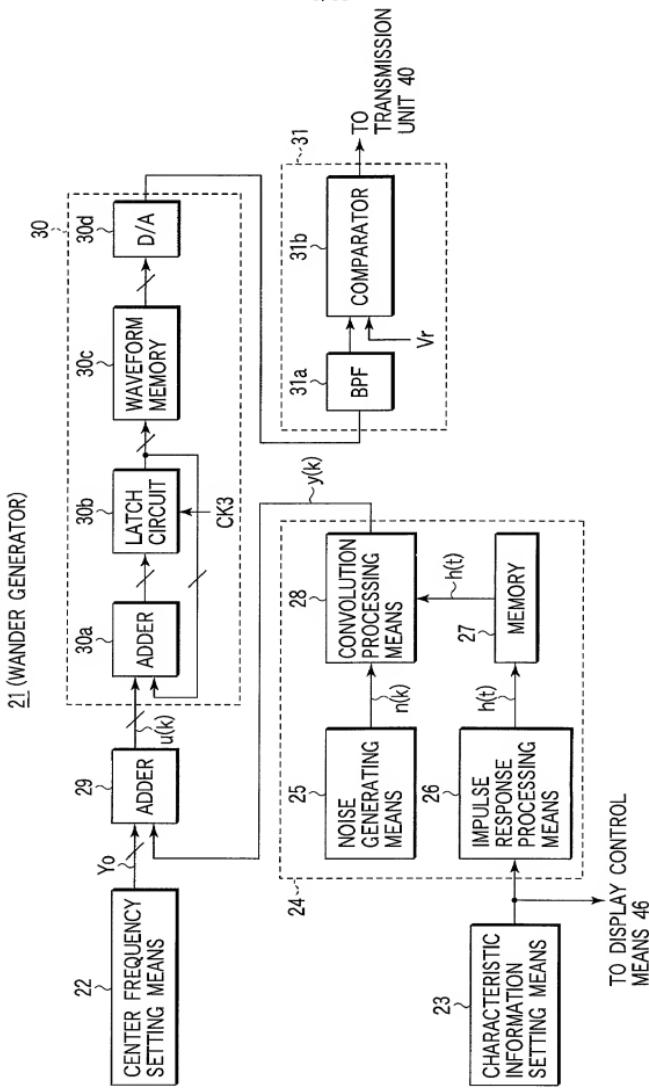
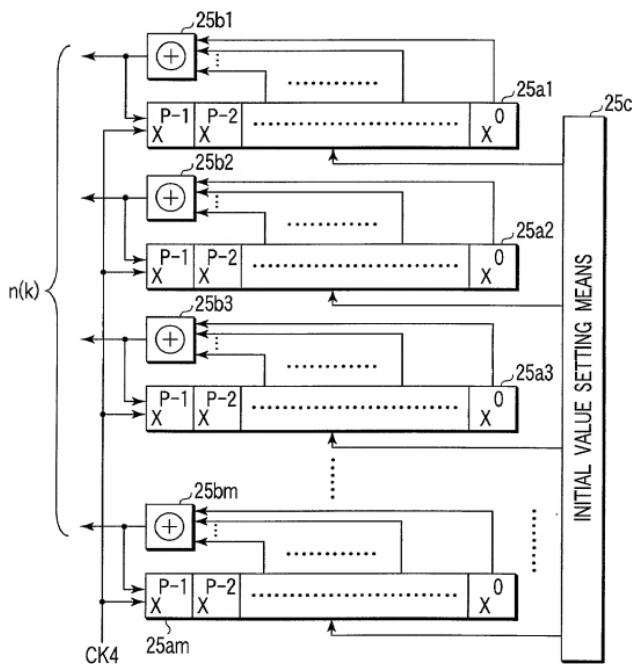
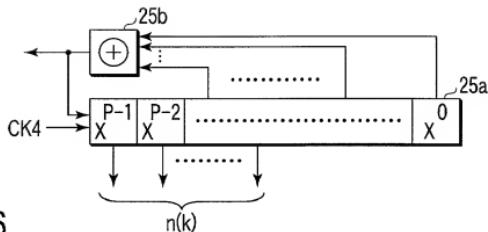


FIG. 5



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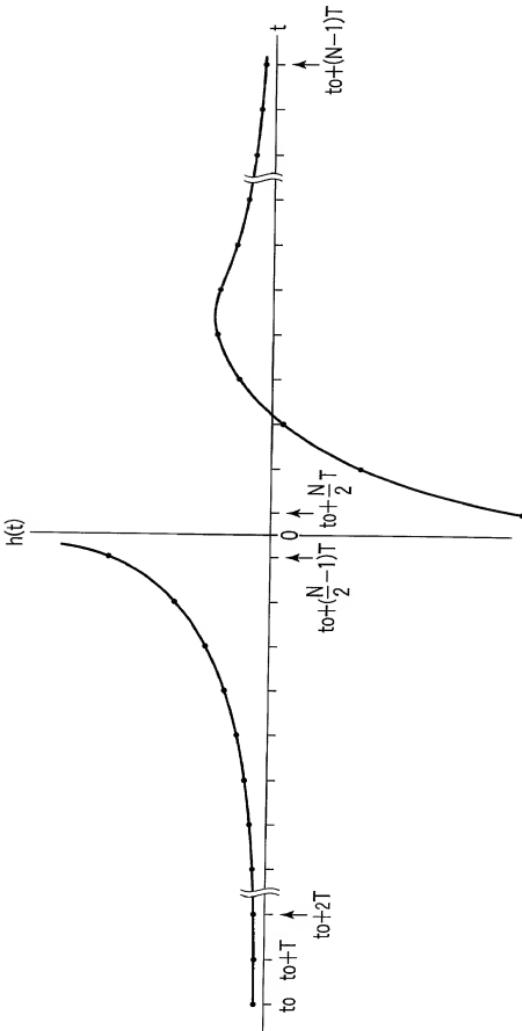


FIG. 8

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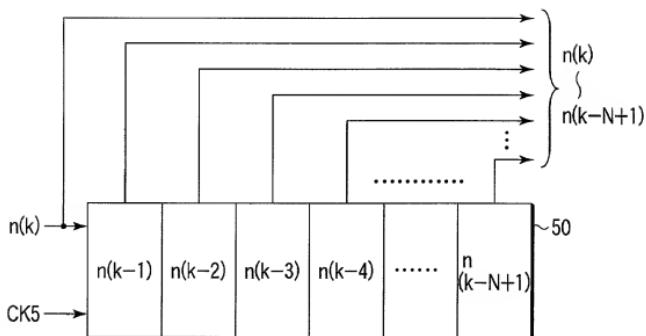


FIG. 9

TOSCO T-10000

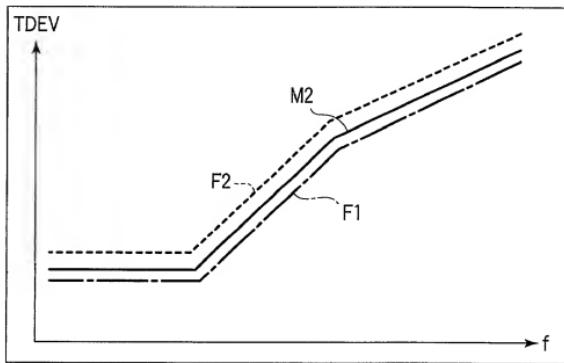


FIG. 11

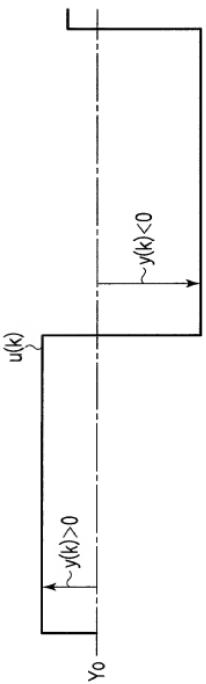


FIG. 10A

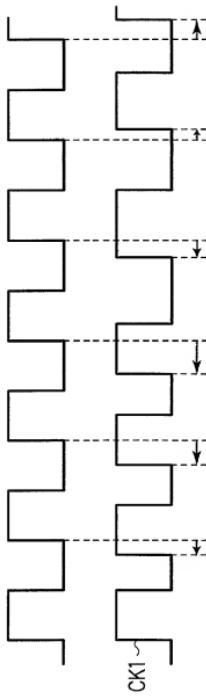
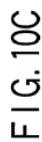


FIG. 10B



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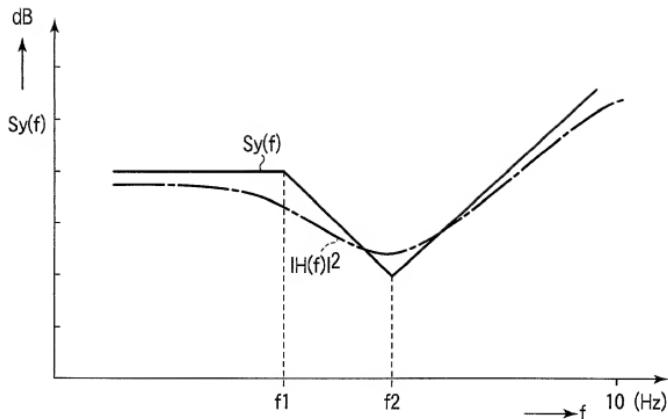


FIG. 12

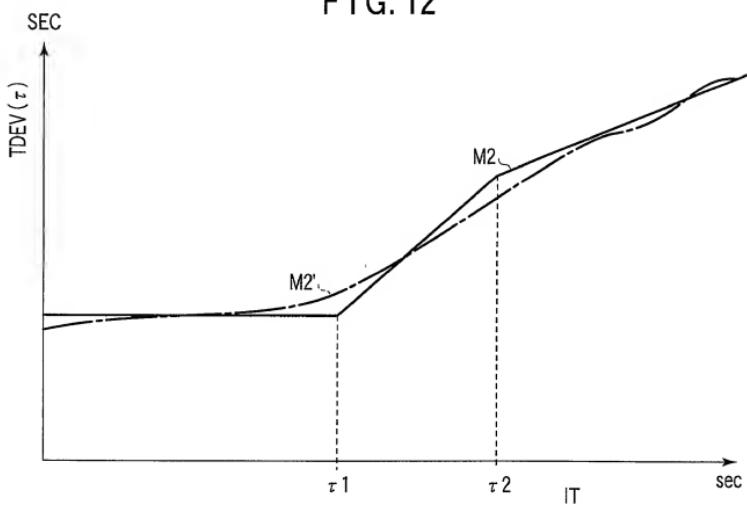


FIG. 13

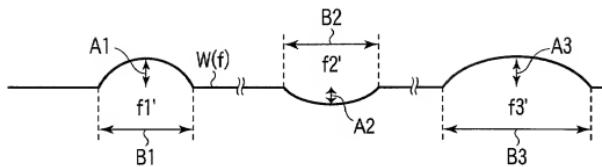


FIG. 14

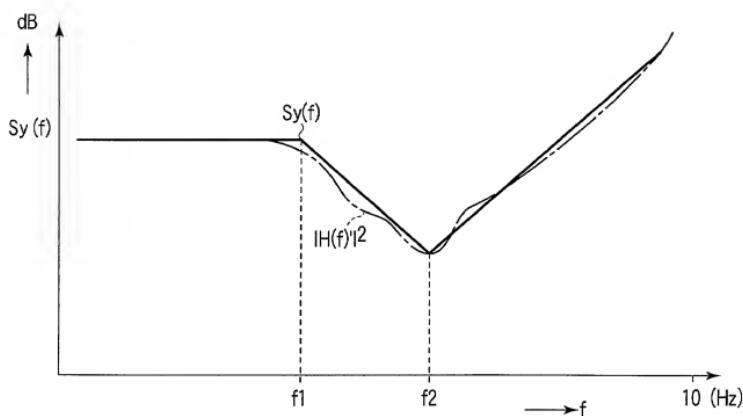


FIG. 15

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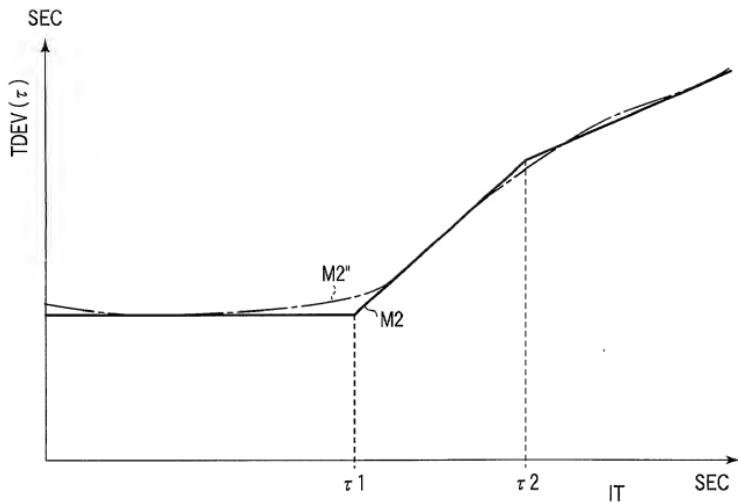


FIG. 16

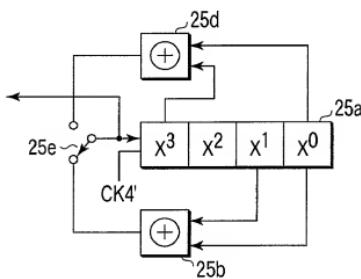


FIG. 17

NORMAL ORDER REVERSE ORDER

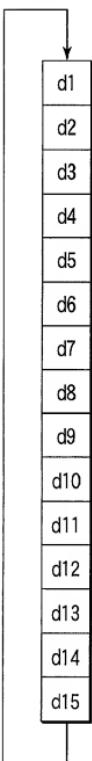
STATE	x^3	x^2	x^1	x^0	STATE	x^3	x^2	x^1	x^0
1	1	1	1	1	1	1	1	1	1
2	0	1	1	1	2	0	1	1	1
3	0	0	1	1	3	1	0	1	1
4	0	0	0	1	4	0	1	0	1
5	1	0	0	0	5	1	0	1	0
6	0	1	0	0	6	1	1	0	1
7	0	0	1	0	7	0	1	1	0
8	1	0	0	1	8	0	0	1	1
9	1	1	0	0	9	1	0	0	1
10	0	1	1	0	10	0	1	0	0
11	1	0	1	1	11	0	0	1	0
12	0	1	0	1	12	0	0	0	1
13	1	0	1	0	13	1	0	0	0
14	1	1	0	1	14	1	1	0	0
15	1	1	1	0	15	1	1	1	0

FIG. 18A

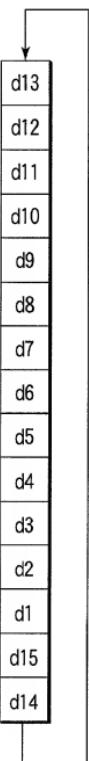
FIG. 18B

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NORMAL ORDER



REVERSE ORDER



STATE CORRESPONDENCE

NORMAL ORDER	REVERSE ORDER
1	1
2	2
3	8
4	12
5	13
6	10
7	11
8	9
9	14
10	7
11	3
12	4
13	5
14	6
15	15

FIG. 19A

FIG. 19B

FIG. 20

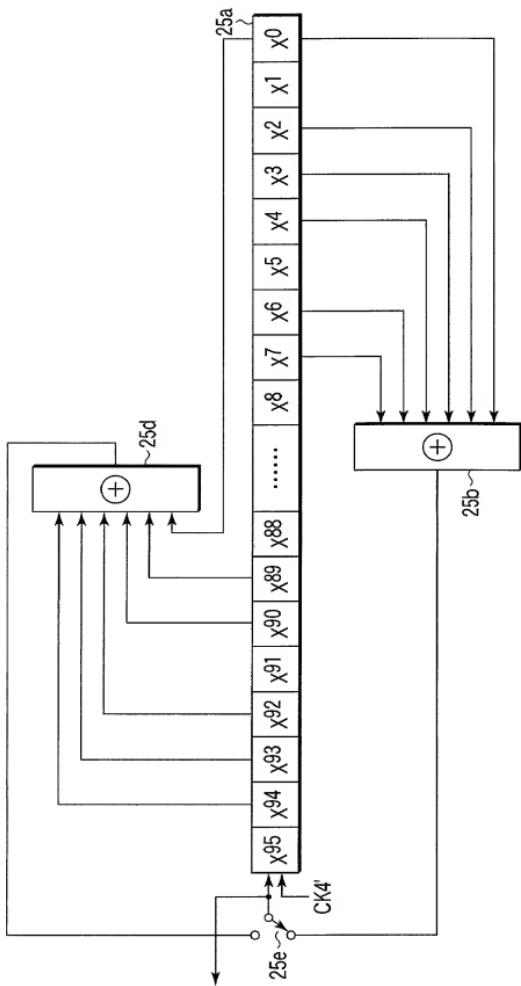


FIG. 21

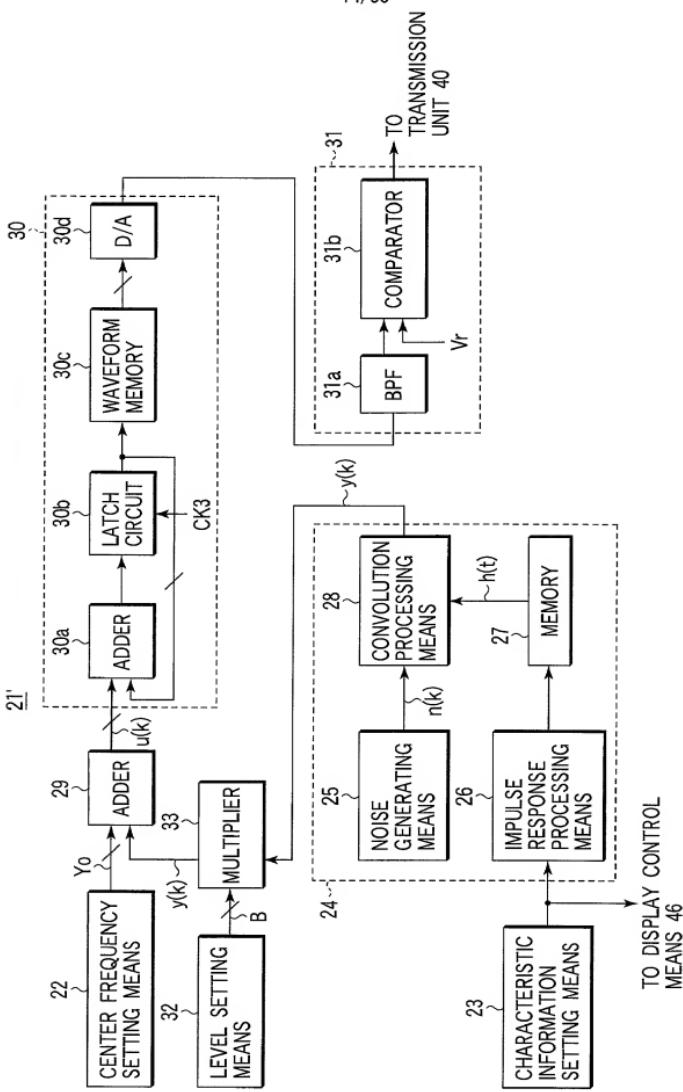


FIG. 22

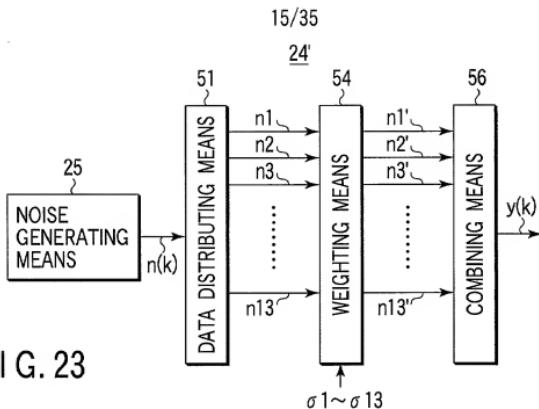


FIG. 23

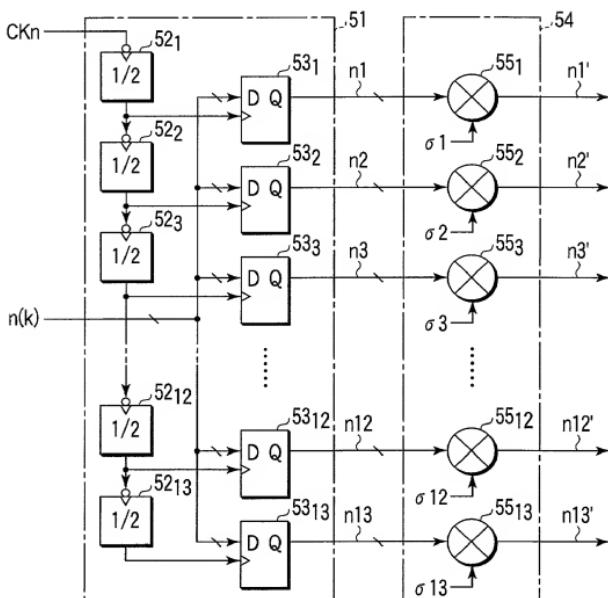


FIG. 24

YOSUZU TRICASE

FIG. 25A



FIG. 25B



FIG. 25C

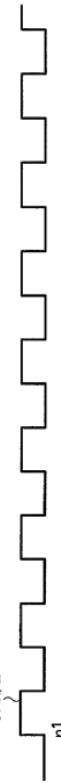


FIG. 25D



FIG. 25E



FIG. 25F



FIG. 25G

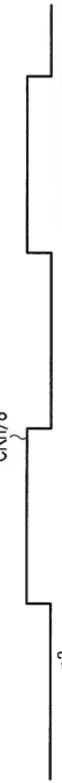
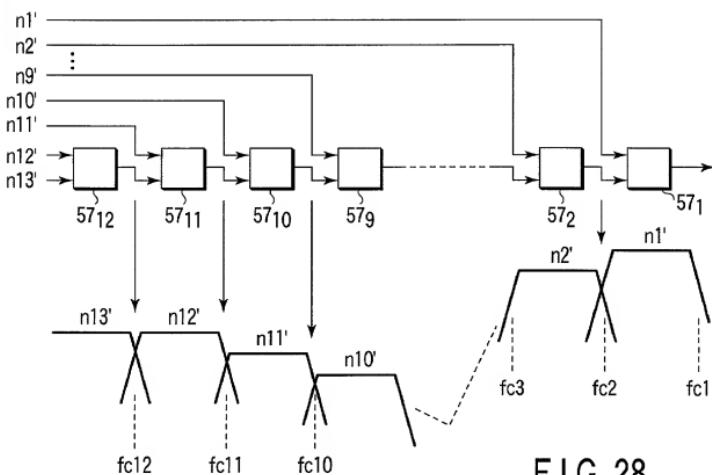
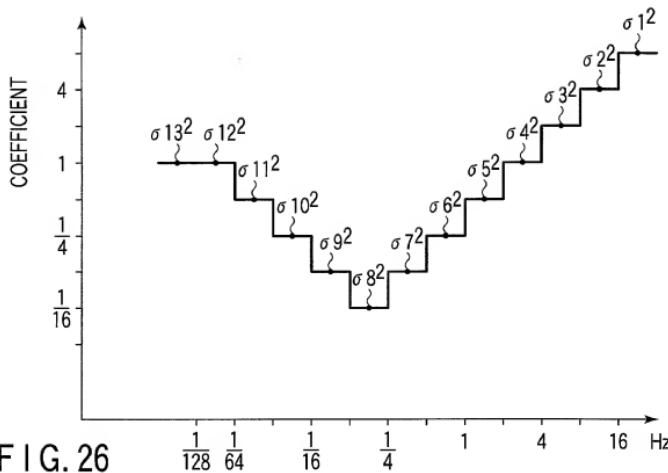


FIG. 25H



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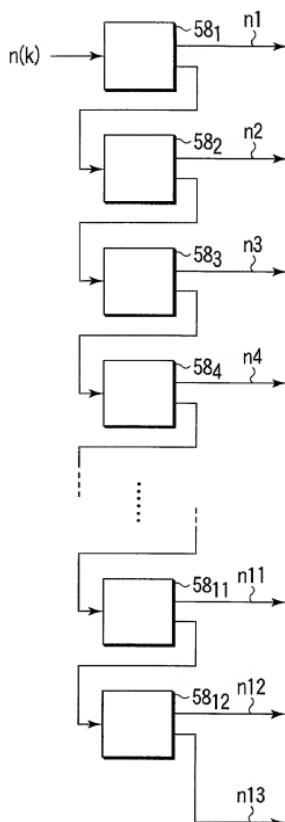
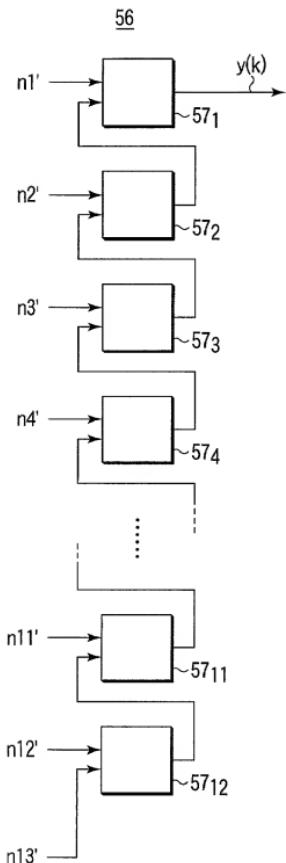


FIG. 27

FIG. 30

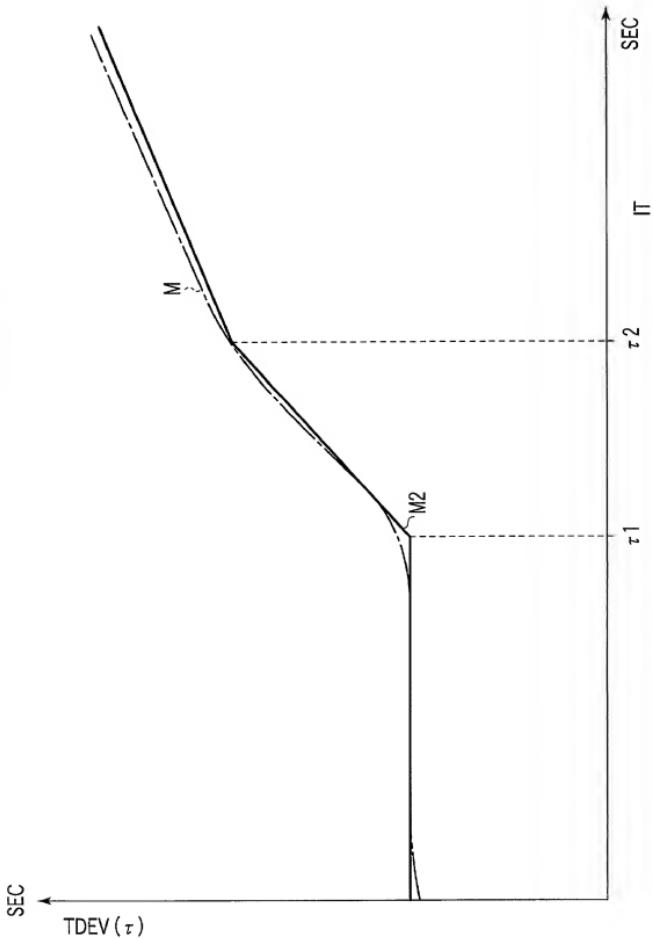


FIG. 29

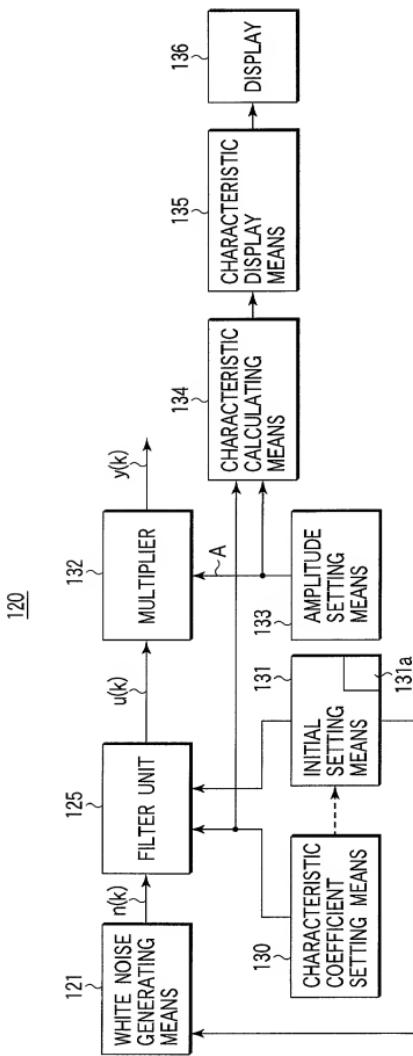


FIG. 31

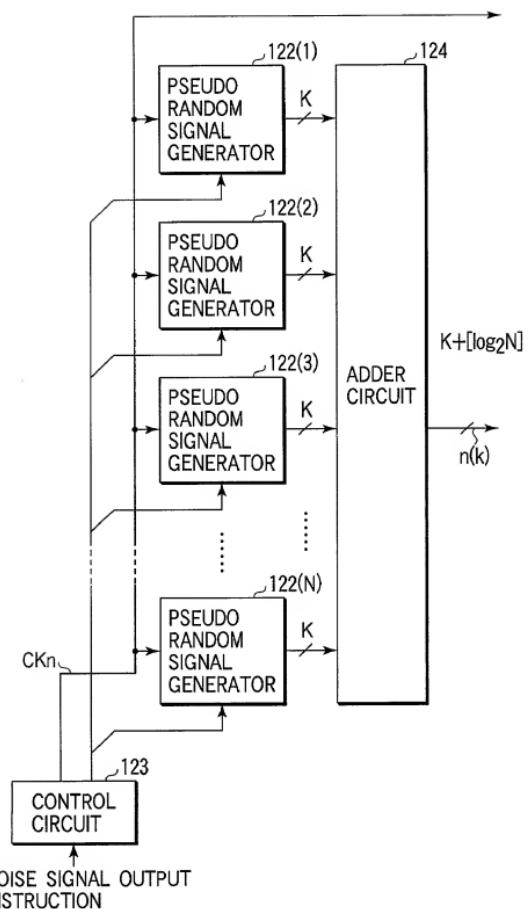
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FIG. 32

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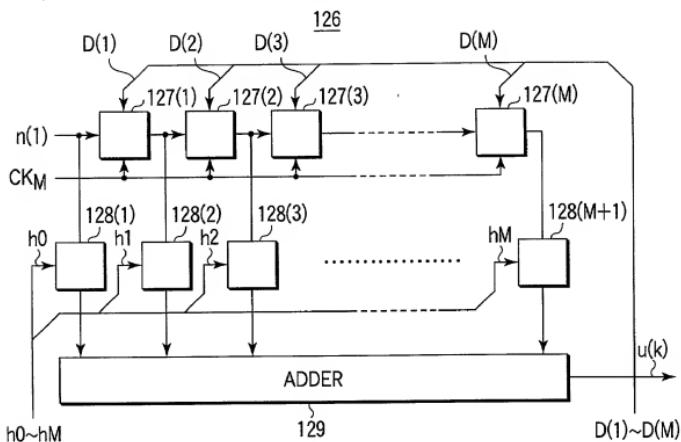


FIG. 33

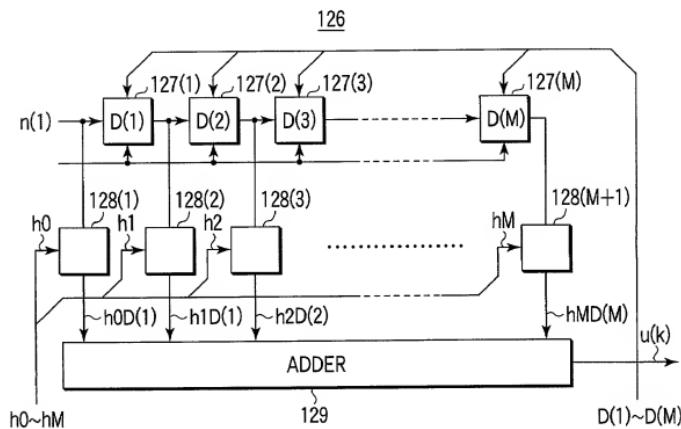


FIG. 34

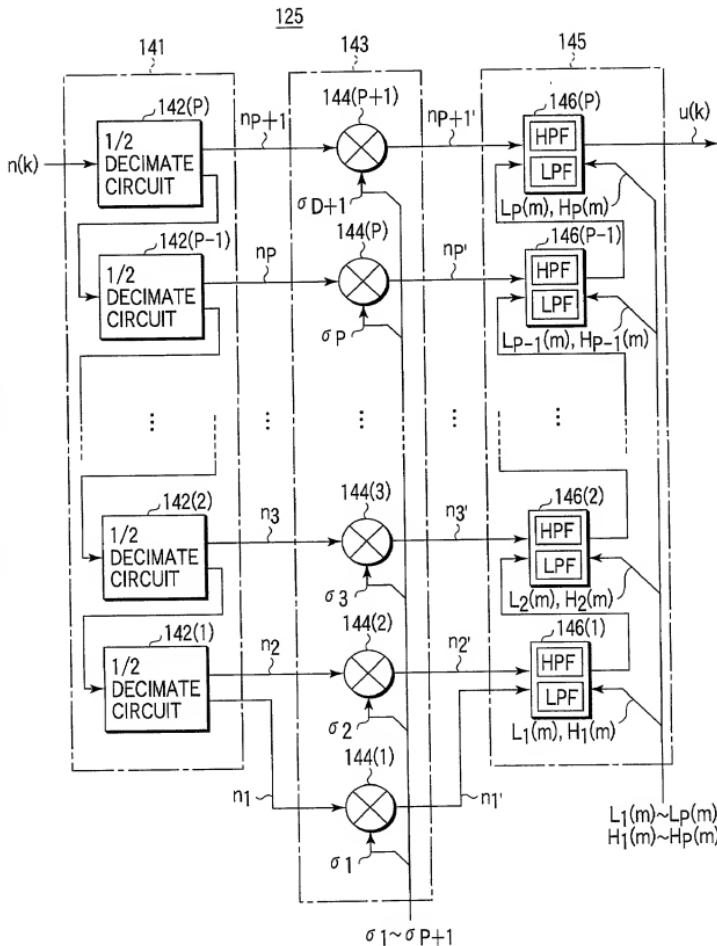


FIG. 35

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F | G. 36A

$n(k)$	$n(1)$	$n(2)$	$n(3)$	$n(4)$	$n(5)$	$n(6)$	$n(7)$	$n(8)$	$n(9)$	$n(10)$	$n(11)$	$n(12)$	$n(13)$	$n(14)$	$n(15)$	$n(16)$	$n(17)$	$n(18)$
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

 $\eta P+1$

F | G. 36B

 ηP

$n(1)$	$n(2)$	$n(3)$	$n(4)$	$n(5)$	$n(6)$	$n(7)$	$n(8)$	$n(9)$	$n(10)$	$n(11)$	$n(12)$	$n(13)$	$n(14)$	$n(15)$	$n(16)$	$n(17)$	$n(18)$
--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

F | G. 36C

 $\eta P-1$

$n(1)$	$n(2)$	$n(3)$	$n(4)$	$n(5)$	$n(6)$	$n(7)$	$n(8)$	$n(9)$	$n(10)$	$n(11)$	$n(12)$	$n(13)$	$n(14)$	$n(15)$	$n(16)$	$n(17)$	$n(18)$
--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

F | G. 36D

 $\eta P-2$

$n(1)$	$n(2)$	$n(3)$	$n(4)$	$n(5)$	$n(6)$	$n(7)$	$n(8)$	$n(9)$	$n(10)$	$n(11)$	$n(12)$	$n(13)$	$n(14)$	$n(15)$	$n(16)$	$n(17)$	$n(18)$
--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

F | G. 36E

 $\eta P-3$

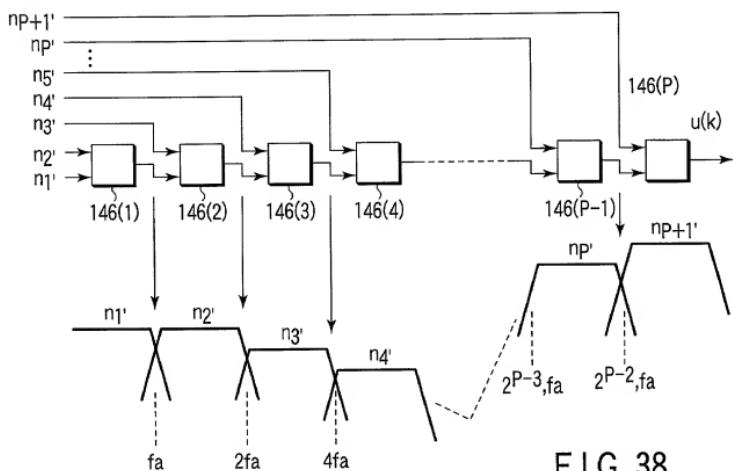
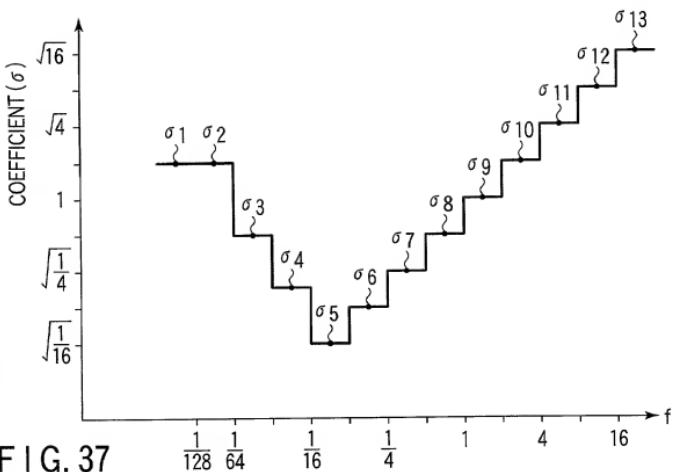
$n(1)$	$n(2)$	$n(3)$	$n(4)$	$n(5)$	$n(6)$	$n(7)$	$n(8)$	$n(9)$	$n(10)$	$n(11)$	$n(12)$	$n(13)$	$n(14)$	$n(15)$	$n(16)$	$n(17)$	$n(18)$
--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

F | G. 36F

 $\eta P-3$

$n(1)$	$n(2)$	$n(3)$	$n(4)$	$n(5)$	$n(6)$	$n(7)$	$n(8)$	$n(9)$	$n(10)$	$n(11)$	$n(12)$	$n(13)$	$n(14)$	$n(15)$	$n(16)$	$n(17)$	$n(18)$
--------	--------	--------	--------	--------	--------	--------	--------	--------	---------	---------	---------	---------	---------	---------	---------	---------	---------

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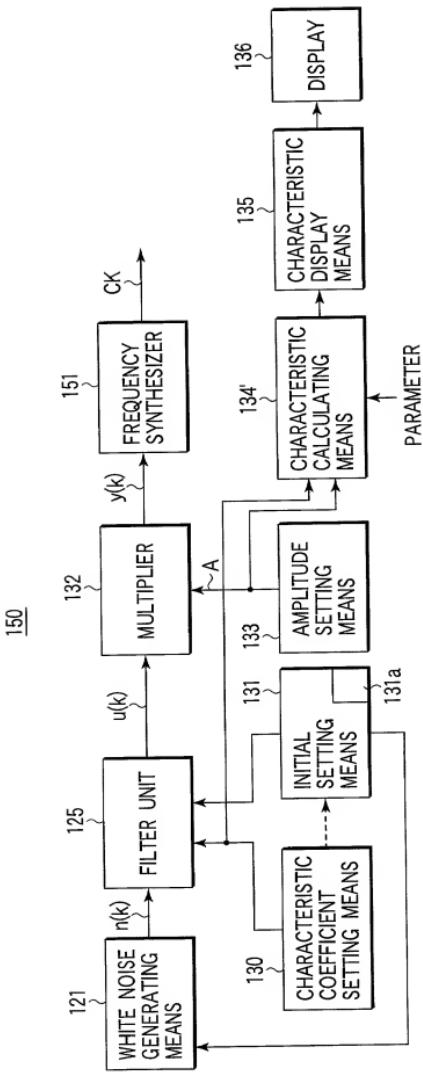


FIG. 39

TOP SECRET//NOFORN//COMINT

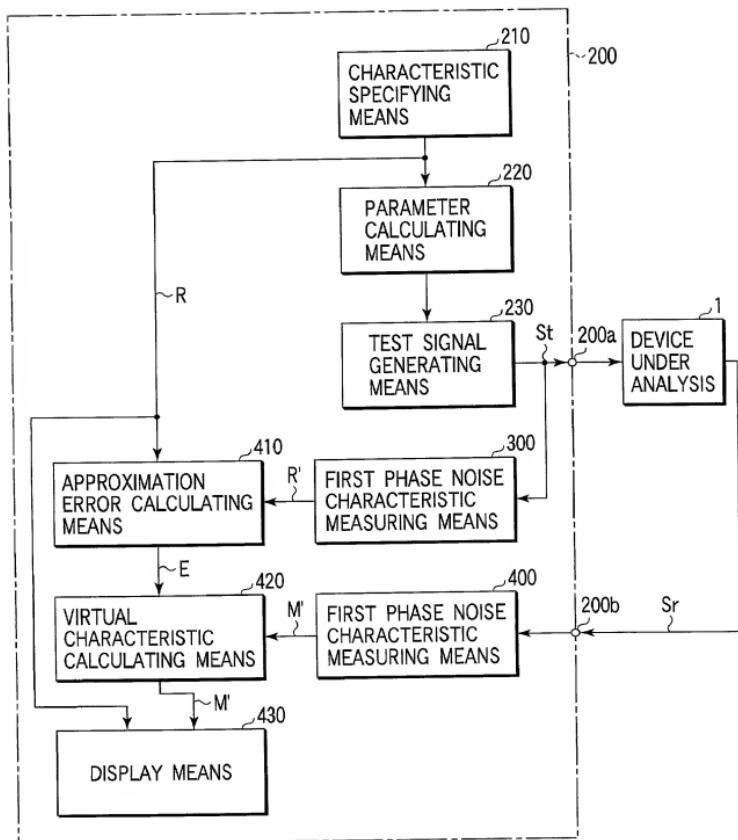


FIG. 40

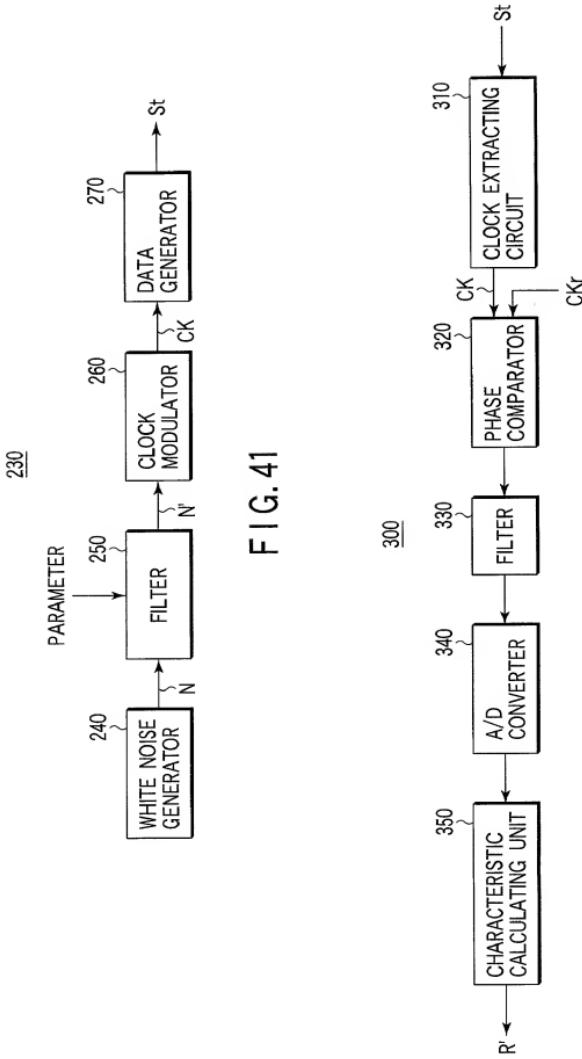


FIG. 42

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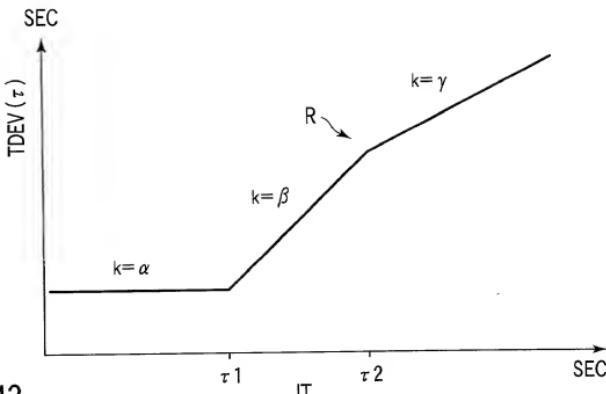


FIG. 43

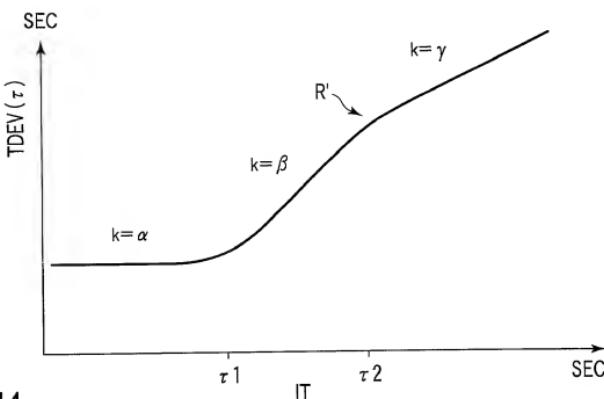


FIG. 44

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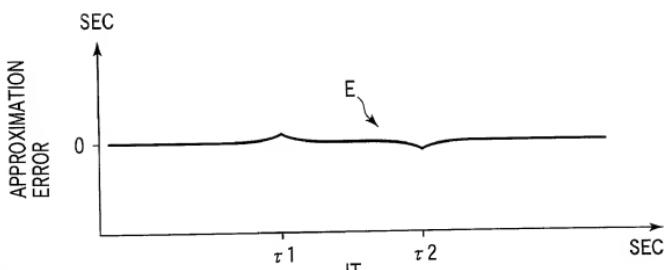


FIG. 45

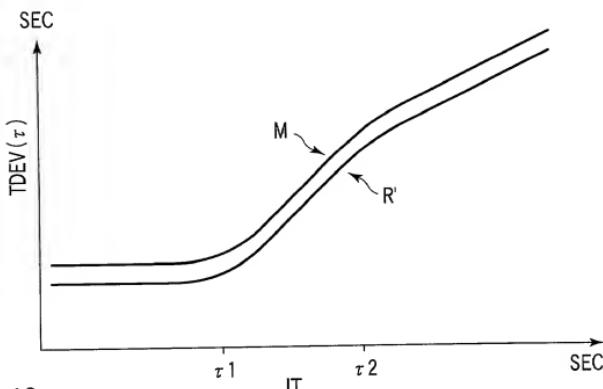


FIG. 46

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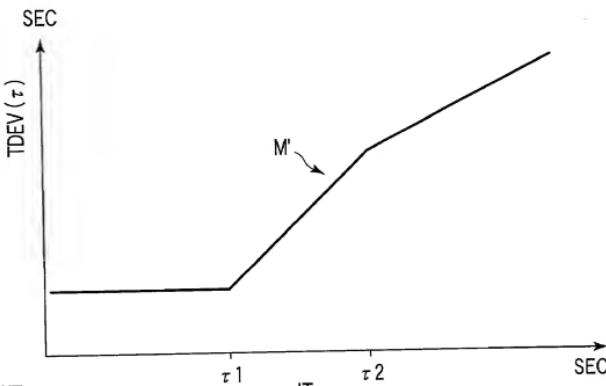


FIG. 47

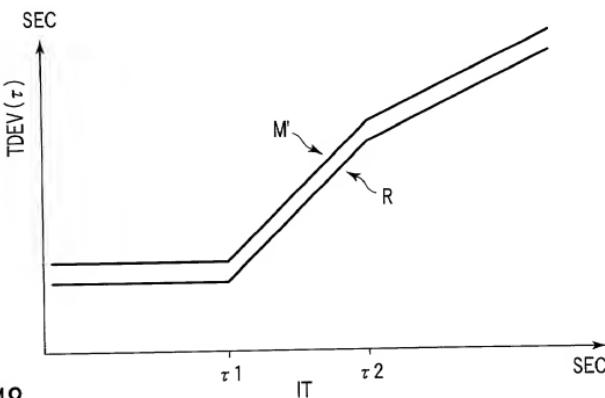


FIG. 48

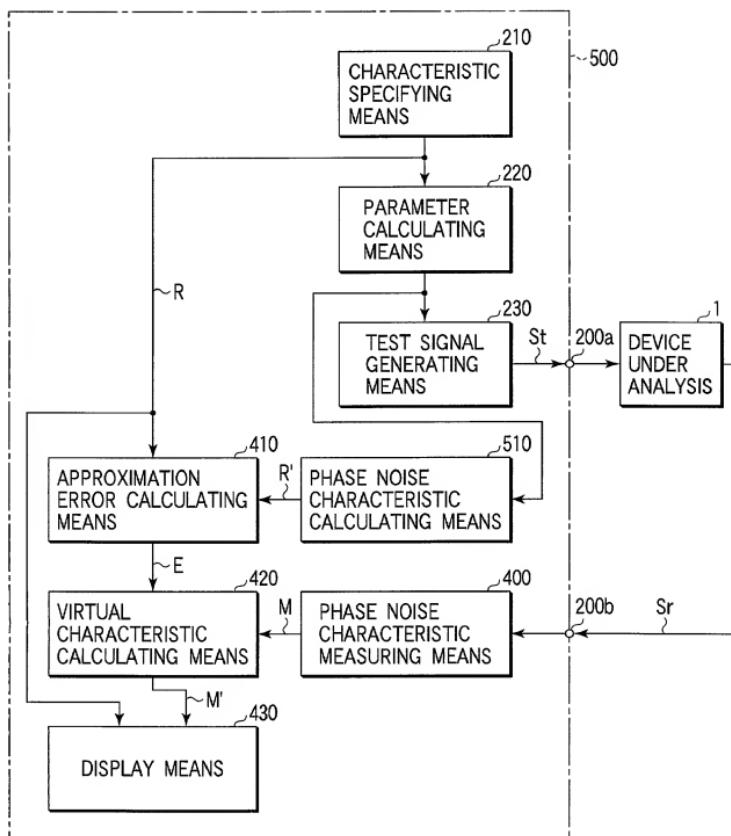


FIG. 49

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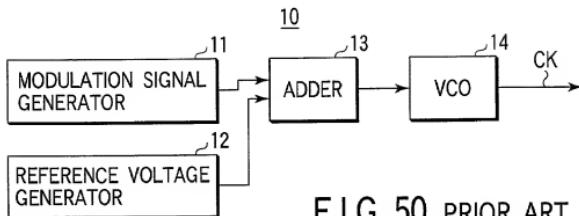


FIG. 50 PRIOR ART

105240-73496360

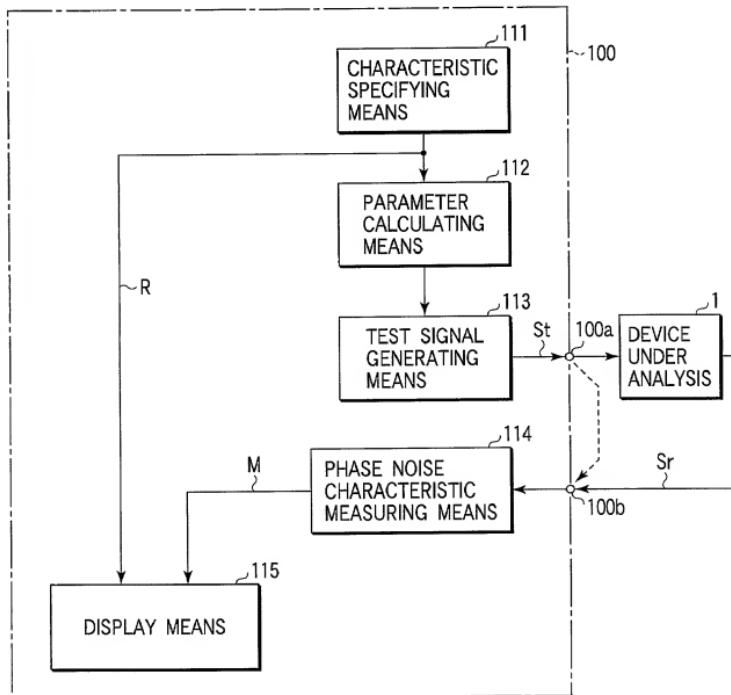


FIG. 52 PRIOR ART

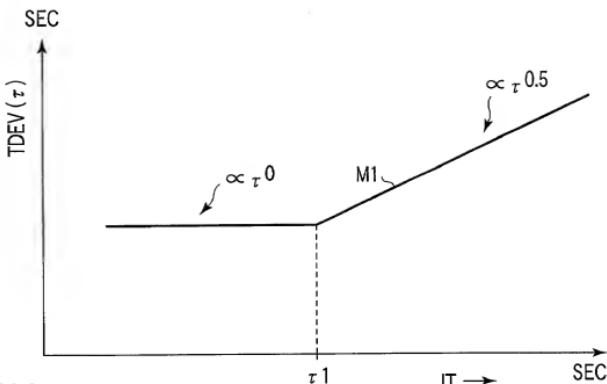


FIG. 51A PRIOR ART

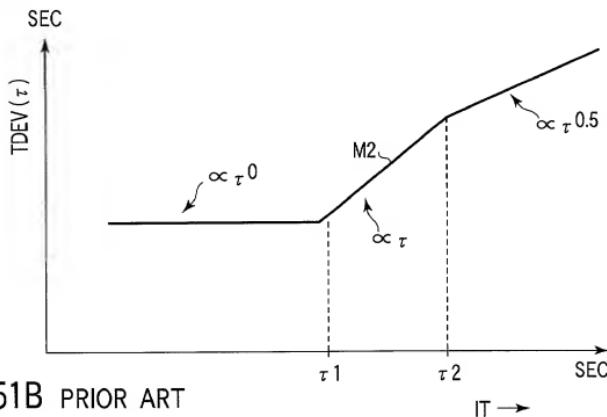


FIG. 51B PRIOR ART